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UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
COTTON DIVISION
4841 SUMMER AVENUE, MEMPHIS, TENNESSEE 38122



COTTON GIN EQUIPMENT

JULY 1978

July 31, 1978

There were 2,700 active gin batteries in the United States in July, 1978, according to the Cotton Division, Agricultural Marketing Service, USDA. This compares with 2,900 active gin batteries a year earlier and 3,000 two years ago.

All batteries, except two, were equipped with seed cotton driers and all but four had lint cleaners. Most batteries had two or more stages of seed cotton drying and lint cleaning. Over one-half of the gin batteries were equipped with automatic bulk feed controls, bur extractors and stick and green leaf machines.

Over 1,800 gins had modified their flat gin presses to produce a bale that could be pressed to universal density and size. Universal density presses were in use in 218 gins by July 1978, up from 169 last year and 130 two years ago.

A total of 329 gins were equipped with mechanical samplers. This compares with 318 last year and 279 in 1976. Almost three-fourths of the samplers were on gins located in Texas, Arizona and California.

Almost 88 percent of the active gin batteries were using electricity as the source of power for gin stands. Most of the remaining 12 percent were powered by diesel fuel, bottled gas or natural gas.

Plans are to discontinue publishing this information and this will be the final Gin Equipment Report issued

Cotton gin batteries with specified kinds of equipment, by states and United States, July 1978

States and United States	Total gin batteries 1/	Automatic bulk feed control	Seed cotton dryers	Number of gin batteries having:								Bur extractor	Stick & green leaf machine	Overflow by-pass	Mechani- cal sampler				
				Stages of drying				Stages of lint cleaning											
				No.	No.	No.	No.	No.	No.	No.	No.								
N. Carolina 3/	54	28	54	25	25	4	54	15	31	8	-	35	32	36	-				
S. Carolina	68	34	68	23	44	1	68	10	42	15	1	24	47	39	1				
Georgia	94	51	94	22	62	10	94	11	66	17	-	32	72	59	12				
Florida	2	2	2	-	2	-	2	-	1	1	-	-	2	2	1				
Alabama	133	82	132	27	103	2	132	5	79	44	4	33	104	80	15				
Mississippi	369	257	368	61	297	10	369	53	250	65	1	67	233	327	24				
Tennessee	122	67	122	15	89	18	122	6	72	42	2	50	71	100	3				
Missouri	88	74	88	4	82	2	88	2	48	37	1	30	57	72	3				
Arkansas	293	175	293	37	239	17	293	43	182	61	7	142	159	232	9				
Louisiana	112	86	112	3	101	8	112	4	75	33	-	48	84	94	16				
Oklahoma	96	44	96	41	52	3	96	40	56	-	-	95	61	80	-				
Texas	884	471	884	226	592	66	881	186	621	65	9	777	645	715	105				
New Mexico	44	25	44	15	27	2	44	5	25	12	2	23	32	33	-				
Arizona	126	106	126	17	95	14	126	12	76	30	8	59	87	106	23				
California 4/	241	234	241	5	161	75	241	1	142	92	6	101	135	228	117				
United States	2,726	1,736	2,724	521	1,971	232	2,722	393	1,766	522	41	1,516	1,821	2,203	329				

Cotton gin batteries with specified kinds of equipment, by states and United States, July 1978 -- Continued

States and United States	Total gin batteries <u>1/</u>	Number of batteries having:				Number of batteries having the following sources of power for gin stands			
		No.	No.	No.	No.	No.	No.	No.	No.
N. Carolina <u>3/</u>	54	54	—	—	—	54	—	—	—
S. Carolina	68	66	—	1	1	68	—	—	—
Georgia	94	87	2	5	—	90	4	—	—
Florida	2	2	—	—	—	2	—	—	—
Alabama	133	127	3	3	—	126	7	—	—
Mississippi	369	9	318	38	4	315	25	5	24
Tennessee	122	11	78	30	3	114	7	1	—
Missouri	88	1	82	3	2	61	22	3	2
Arkansas	293	1	264	22	6	207	40	14	33
Louisiana	112	1	67	34	9	75	4	5	28
Oklahoma	96	1	92	3	—	70	1	5	20
Texas	884	5	820	45	10	795	17	23	53
New Mexico	44	3	40	—	1	43	—	—	1
Arizona	126	42	61	6	17	126	—	—	—
California <u>4/</u>	241	143	10	28	53	8	241	—	—
United States	2,726	553	1,837	218	106	8	2,387	127	56
									161

1/ Saw and roller gin batteries.

2/ A flat gin press box converted to form a bale 24 inches in width.

3/ Includes one battery in Virginia.

4/ Includes one battery in Nevada.

